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	Application No.	Applicant(s)	<u> 200</u>
	Application No.	Applicant(s)	
Notice of Allowability	10/791,781	OHTSUKA ET AL.	
	Examiner	Art Unit	
	ANH PHUNG	2824	
The MAILING DATE of this communication app All claims being allowable, PROSECUTION ON THE MERITS In therewith (or previously mailed), a Notice of Allowance (PTOL85 NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT In the Office or upon petition by the applicant. See 37 CFR 1.3	S (OR REMAINS) CLOSED in is) or other appropriate commu RIGHTS. This application is s	n this application. If not include inication will be mailed in due co	d ourse. THIS
1. This communication is responsive to the Preliminary Ame	endment received on March 4	<u>, 200</u> 4·	
2. ☑ The allowed claim(s) is/are <u>12 and 13</u> .			
3. $igotimes$ The drawings filed on <u>04 March 2004</u> are accepted by the	e Examiner.		
4. ⊠ Acknowledgment is made of a claim for foreign priority	under 35 U.S.C. § 119(a) (d) c	or (f).	
a) ⊠ All b) □ Some* c) □ None of the:			
Certified copies of the priority documents have			
Certified copies of the priority documents have	• •		
3. Copies of the certified copies of the priority d	locuments have been receive	d in this national stage applicati	on from the
International Bureau (PCT Rule 17.2(a)).			
* Certified copies not received:			
Applicant has THREE MONTHS FROM THE "MAILING DATE noted below. Failure to timely comply will result in ABANDON THIS THREE-MONTH PERIOD IS NOT EXTENDABLE		e a reply complying with the requ	uirements
5. A SUBSTITUTE OATH OR DECLARATION must be subr INFORMAL PATENT APPLICATION (PTO-152) which give	mitted. Note the attached EXA ves reason(s) why the oath or	AMINER'S AMENDMENT or NC declaration is deficient.	TICE OF
6. CORRECTED DRAWINGS (as "replacement sheets") mi	ust be submitted.		
(a) ☐ including changes required by the Notice of Draftspe	rson's Patent Drawing Review	w (PTG948) attached	
1)	<u>-</u> .		•
(b) ☐ including changes required by the attached Examine Paper No./Mail Date	r's Amendment / Comment or	r in the Office action of	
Identifying indicia such as the application number (see 37 CFR each sheet. Replacement sheet(s) should be labeled as such in			ack) of
7. DEPOSIT OF and/or INFORMATION about the depo	osit of BIOLOGICAL MATE	RIAL must be submitted. Note	e the
The state of the s			
Attachment(s)			
1. ⊠ Notice of References Cited (PTO-892)	5. Notice of Inf	ormal Patent Application (PTO-	152)
2. Notice of Draftperson's Patent Drawing Review (PTO948)	6. ☐ Interview Su Paper No./i	ımmary (PTO413), Mail Date	
 Information Disdosure Statements (PTO-1449 or PTO/SB/ Paper No./Mail Date 7/21/2004 		Amendment/Comment	
4. Examiner's Comment Regarding Requirement for Deposit	8. 🔀 Examiner's	Statement of Reasons for Allow	ance
of Biological Material	9. ☐ Other Searce	h History	

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DETAILED ACTION

1. In response to the U.S. Application Ser. No. 10/791,781 filed on March 4, 2004, and Preliminary Amendment received on March 4, 2004, claims **12** and **13** are pending in the present application.

Examiner's amendment

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

The specification has been amended as follows:

Page 1, after "October 16, 2001", insert -- , **now U.S. Pat. No. 6,720,596,** issued on April 3, 2004 --

The examiner's amendment has been made in order to place the application in a condition for allowance.

Priority

3. Acknowledgment is made of applicant's claim for foreign priority under 35 U.S.C. 119(a)-(d). The certified copy has been filed in parent Application No. 09/977,310, filed on October 16, 2001.

Information Disclosure Statement

This office acknowledges receipt of the following items from the Applicant:
 Information Disclosure Statements (IDS) filed July 21, 2004.
 Information disclosed and listed on PTO 1449 was considered.

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Examiner's Statement of Reasons for Allowance

5. Claims 12 and 13 are allowed.

Chen et al. (US 6,370,056), Sekiguchi et al. (US 5,910,911), Saito et al. (US 5,629,888) and Nakamura (US 5,345,414) disclose a method for driving a nonvolatile memory similar to that of the present application, but fail to teach "a transistor having a source region, a drain region and a floating gate electrode; a dielectric capacitor, which is connected to the floating gate electrode and has a dielectric layer; a ferroelectric capacitor, which is connected to the floating gate electrode and has a ferroelectric layer; first and second polarization voltage application terminals, which are connected to the dielectric capacitor and the ferroelectric capacitor, respectively, and which apply voltage for generating polarization to the ferroelectric capacitor, and a ground terminal and a power source voltage terminal connected to the source region and the drain region, respectively, wherein during writing, in accordance with the information "0" or "1" that is to be written, the voltage applied to the first and second polarization voltage application terminals is reversed between high and low" as claimed in the independent claim 12.

Any comments considered necessary by applicants must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comment on Statement of Reasons for Allowance".

Conclusion

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to **ANH PHUNG** whose telephone number is **(571) 272-**

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1883. The examiner can normally be reached on Monday-Friday from 8:00 AM to 4:30

PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, RICHARD ELMS, can be reached on (571) 272-1869. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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AKP

PRIMARY EXAMINER